



**3rd International Conference on Artificial  
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# **CERTIFICATE of Participation**

**This certificate is presented to**

**Amna Mazen, Alex Barber, Jenna DeVries, Nathan  
Linenberg, Aerial VanAlstine, Kamyab Yazdipaz**

**For participating and presenting the paper titled:**

**Developing a Digital Twin for Lathe Machine Monitoring  
and Anomaly Detection**



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